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PATENT

R^2 is a member selected from reactive functional groups, alkyl groups terminally substituted with a reactive functional group and internally substituted alkyl groups terminally substituted with a reactive functional group wherein said alkyl groups terminally substituted with a reactive functional group and said internally substituted alkyl groups terminally substituted with a reactive functional group are substituted with a reactive functional group which is a member selected from $-\text{OR}^3$, $-\text{NHR}^4$, $-\text{COR}^5$, $-\text{SH}$ and $-\text{CH}_2\text{X}^3$ wherein,

$-\text{OR}^3$ is a member selected from hydroxy, alkyl sulfonate and aryl sulfonate groups;

R^4 is H;

R^5 is a member selected from H, X^3 and $-\text{OR}^6$, wherein

R^6 is a member selected from H, alkyl, substituted alkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, heterocyclyl and substituted heterocyclyl groups;

X^3 is a halogen;

X is a member selected from $-\text{O}-$, $-\text{S}-$ and $-\text{NH}-$; and

X^1 and X^2 are members independently selected from O and S.

REMARKS

Status of the Claims

Claims 1-3, 5-12 and 15-27 are pending in the present application. Claim 1 is amended to recited that R^6 can be H, thereby including within the claim structures having a terminal carboxylic acid group. The amendment is supported by the specification at page 14, lines 13-14.